

# Horizontal Sprinkling

# SUMITUBE

**STRAWBERRY**  
**TOMATO**  
**MELON**

## 1 High Perforating Technology



Conventional Tube



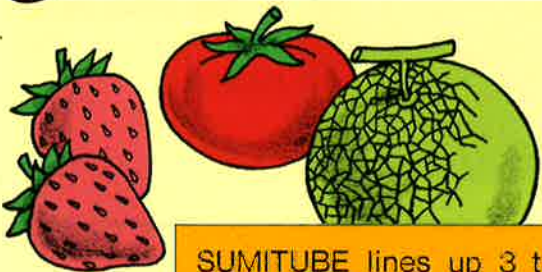
SUMITUBE perforated by laser beams.

## 2 Excellent Uniformity

Over Long Distance

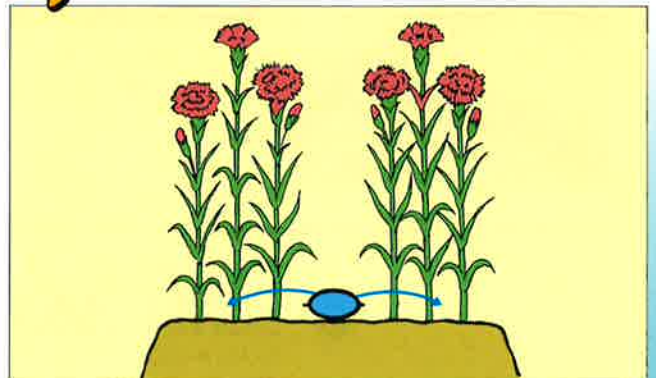


## 3 Adequate Water Supply



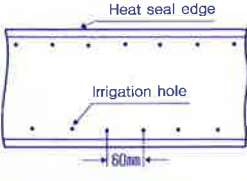
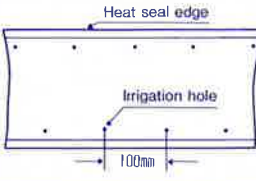
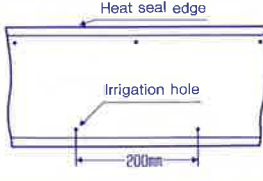
SUMITUBE lines up 3 types giving optimum irrigation depending on the crop.

## 4 Horizontal Sprinkling





# Specifications

Items	Models	STRAWBERRY	TOMATO	MELON
Structure				
Tube width (flat)		58mm	58mm	58mm
Tube diameter (inflated)		32mmφ	32mmφ	32mmφ
Holes interval on each sides		60mm	100mm	200mm
Suitable water pressure		0.1-0.4kg/cm <sup>2</sup>	0.1-0.4kg/cm <sup>2</sup>	0.1-0.4kg/cm <sup>2</sup>
Material		polyethylene	polyethylene	polyethylene
Packaging		200m × 5 rolls / carton	200m × 5 rolls / carton	200m × 5 rolls / carton

# Water Feed Rate

(liter/minute × meter)

Water pressure Tube length	Models		STRAWBERRY		TOMATO		MELON	
	0.1kg/cm <sup>2</sup>	0.2kg/cm <sup>2</sup>	0.1kg/cm <sup>2</sup>	0.2kg/cm <sup>2</sup>	0.1kg/cm <sup>2</sup>	0.2kg/cm <sup>2</sup>		
40m	0.65	0.92	0.40	0.56	0.31	0.44		
60m	0.62	0.88	0.39	0.55	0.31	0.43		
80m			0.38	0.53	0.30	0.43		
100m					0.30	0.41		

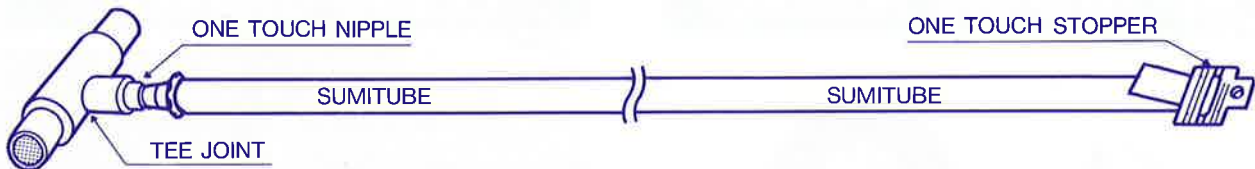
### Calculation Example

Conditions : Tube : SUMITUBE TOMATO  
 Water pressure : 0.2kg/cm<sup>2</sup>  
 Tube length : 60m  
 Number of tubes : 4 tubes / block

### Calculation :

0.55 l/min · m × 60m × 4 tubes  
 = 132 l/min

# Connection



# Target Crops

- **SUMITUBE STRAWBERRY** : Strawberry, Onion etc.
- **SUMITUBE TOMATO** : Tomato, Cucumber, Sweet pepper, Eggplant, Beans etc.
- **SUMITUBE MELON** : Melon, Watermelon, Pumpkin etc.

# Fittings



### ONE TOUCH NIPPLE

For connecting SUMITUBE with a pipe.



### ONE TOUCH STOPPER

For stopping the tube-end.

Manufacturer:



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